Capital Margin, at 2nd quarter, 2001 price level. The project is expected to be completed within 80 months from the date of investment approval with commercial operation date as follows:

Unit I	60 months
Unit II	70 months
Unit III	80 months

The Ist unit is identified for benefit in 10th Plan period

Demand of Power in the Country

1775. SHRI BRAHMAKUMAR BHATT: Will the Minister of POWER be pleased to state:

(a) the demand of power in the country as on date, State-wise;

(b) the details of works undertaken by the Central Sector/Private Companies for setting up of power projects during 1999, 2000, 2001 till date along with capacity thereof, State-wise;

(c) the present status of power projects; and

(d) the details of new power projects proposed to be set up and renovated during 2001-2002?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) Details of State-wise energy requirements and peak load demand for the year 2001-02 (April-October, 2001) are given in the Statement-I (*See* below)

(b) and (c) Details of State-wise thermal and hydro power projects in Central Sector and Private Sector cleared/sanctioned during 1999, 2000 and 2001 till date along with capacity, present status etc. are given in Statement-II (*See* below).

(d) Details of Generating capacity Addition programme 2001-02 and also renovation and modernisation and uprating schemes under progress during 2001-02 (both thermal and hydro) are given in Statement-III and IV.

Statement-I

All India energy requirement and peak load at power station busbars during 2001-02 upto 31.10.2001

State/UTs	Energy Requirement (MU)	Peak Load (MW)
Haryana	10990	2970
Himachal Pradesh	1886	540
Jammu and Kashmir	3595	1125
Punjab	18750	5420
Rajasthan	13655	3550
Uttar Pradesh i/c Uttaranchal	28110	7584
Chandigarh	717	180
Delhi	12055	3040
Gujarat	29840	7796
Madhya Pradesh	15903	4751
Chhattisgarh	4487	1357
Maharashtra	44755	12200
Goa	979	293
Andhra Pradesh	27527	7622
Karnataka	17777	5321
Kerala	7413	2549
Tamil Nadu	27065	6900
D.V.C.	4928	1296
Bihar i/c Jharkhand (excluding DVC)	5444	1356
Orissa	7074	1943
West Bengal (excluding DVC)	12414	3614
Assam	2057.8	688
Manipur	251.3	98
Meghalaya	351.3	130
Nagaland	144.2	61
Tripura	392.3	156
Arunachal Pradesh	77.4	50
Mizoram	153.1	71
TOTAL (All INDIA)	**298792**	**77956**

Statement-II

Details of Power Projects cleared (Central/Private Sector) during 1999, 2000 and 2001.

Name of Project/Capacity (MW)/State	Date of Clearance	Status
Central Sector		
Thermal		
Rihand STPP St. II (2x500), placed NTPC, Uttar Pradesh	10/99	Order for main plant and equipment on BHEL and main plant civil works on NBCC Excavation work for chimney started.
Sipat TPP St. I (3×660), NTPC, Chhattisgarh	17.1.2000	Investment decision is yet to be taken by NTPC
Barh TPP (3x660), NTPC, Bihar	9/2001	Investment approval is yet to be accorded. Work is yet to be started.
Kahalgaon St. II (2x660), NTPC, Bihar	11/2001	Investment approval is yet to be accorded. Work is yet to be started.
Ramagundam TPP St. III (1x500), NTPC, Andhra Pradesh	29.4.1999	Order for main plant turn-key package placed to BHEL on 22.8.2001.
Hydro		
Chamera St. II (3x100), NHPC, H.P.	18.5.1999	Agreement between NHPC and M/s. Indo Canadian Hydro Consortium, New Delhi signed on 18.7.99 for implementing the project on turnkey basis. Works in progress.
Koteshwar Dam and Power Project (4×100) THDC, Uttaranchal	10.4.2000	Govt. sanction accorded on 10.4.2000. Infrastructural work in progress. Tenders for various works invited and are in process.
Kopili St. II (125)/Assam, NEEPCO	6.7.99	Preconstruction and infrastructural works are being taken up. Works order for package I and II issued. Tenders for III under preparation.
Teesta St. V, (3170), Sikkim, completed NHPC	11.02.2000	Both diversion tunnel have been ahead of schedule. Various adits to Dam, HRT and Power house are under excavation.

Name of Project/Capacity (MW)/State	Date of Clearance	Status
Loktak DS, (330), Manipur	30.12.99	Development of infrastructure facilities at NHPC the project was in progress. The desired progress at working site is not possible unless the State Govt. provide requisite security. Following the stay order by Hon'ble High Court of Manipur State Govt. is taking action to provide security, etc.
Private Sector		
Thermal		
Jamnagar Petcoke based TPP, (2x250)	24.5.99	EPC contract awarded. Financial closure is yet to be achieved.
Duburi TPS (2x250), Orissa	4/1999	Works not started due to non achievement of financial closure, workable escrow agreement and guarantee by state Govt.
Ib Valley St. II (2x250), Orissa	2/1999	Works not started due to non achievement of financial closure, workable escrow agreement guarantee by state Govt.
Amguri CCGT Assam, (2x30) State cleared	State cleared	The project has been deferred due to non receipt of any offer from IPP to execute the project and diversion of gas from Lakwa GT station.
Borgolai TPP (2x60) Assam	State cleared	Works not started due to non achievement of financial closure, workable escrow agreement and guarantee by state Govt.
Vemagiri CCPP (520), Andhra Pradesh	14.1.99	Works not started due to non achievement of financial closure.
Gautami CCGT (464), Andhra Pradesh	State cleared	Works not started due to non achievement of financial closure.
Nagarajuna TPP (2x507.5),	29.4.99	Works not started due to non achievement of financial closure.
Kaniminike CCPP (2x35.3 GT +137 ST), Karnataka	20.9.99	Works not started due to non achievement of financial closure and counter guarantee by state Govt.
Kannur CCGT (3111.9 GT 177.3 ST), Kerala	16.2.2000	Works not started due to non achievement of financial closure.

Name of Project/Capacity (MW)/State	Date of Clearance	Status
Vembar CCPP (1873), Tamil Nadu	24.9.99	TNEB is unable to absorb the entire power; hence referred to Power Trading Corporation for promotion as Central Project.
Cuddalore TPS (2x660), Tamil Nadu	13.8.99	TNEB is unable to absorb the entire power; hence referred to Power Trading Corporation for promotion as Central Project.
Hydro		
Dhamwari Sunda (2x35), H.P.	6.7.2001	Financial closure awaited. Process for land acquisition is in progress.
Neogal (2x7.5) H.P.	25.10.99	Financial closure awaited. Environment clearance awaited.
Srinagar (4x82.5) Uttaranchal	14.6.2000	World Bank loan cancelled on 28.8.92 MoU was signed by Govt. of U.P. with M/s. Duncan Agro on 27.8.94 for execution in Private Sector. TEC accorded by CEA on 14.6.2000 to M/s Duncans North Hydro Power Co. Ltd.

Statement-III

Generating Capacity Addition Programme 2001-2002

Name of project	State	Capacity (MW)
Central Sector		
THERMAL		
Simhadri TPS U-1	Andhra Pradesh	500
Neyveli FST Extn. U-1	Tamil Nadu	210
HYDRO		
Tehri U-4	Uttaranchal	250
Ranganadi U-1, 2 &3	Arunachal Pradesh	3x135
State Sector		
THERMAL		
Pragati CCGT GT 1&2	Delhi	2x104.6
Leimakhong DG U-1 to 6	Manipur	6x6
Rokhia GT Extn. Ph. II U-7	Tripura	21
Suratgarh TPP St. II U-3	Rajasthan	250 (Advanced) (Commissioned)

Name of project	State	Capacity (MW)
Suratgarh TPP St. II U-3	Rajasthan	250 (Advanced) (Commissioned)
Suratgarh TPP St. II U-4	Rajasthan	250 (Advanced)
Hizara CCCP GT 1 & 2, ST (Advanced)	Gujarat	2x52 (GT Commissioned) ST 152.1
HYDRO		
Upper Sindh-II U-2	Jammu and Kashmir	35 (Commissioned)
Upper Sindh Extn. U-1	Jammu and Kashmir	35
Sewa-III U-1 to 3	Jammu and Kashmir	3x3
Pahalgaon U-1 & 2	Jammu and Kashmir	2x1.5
Bansagar Tons Ph. III U-2&3	Madhya Pradesh	2x20 (U-2 Commissioned)
Srisailam LBPH U-2, 3 & 4	Andhra Pradesh	3x150 (U-2 Commissioned)
Sharavathy TR U-2, 3 & 4	Karnataka	3x60 (U-2&3 Commissioned)
Kalpong U-1, 2 & 3	A and N Islands	3x175 (Commissioned)
Chandil LBC U-1 & 2	Bihar	2x4
Potteru Ph. I & II	Orissa	2x3
Likim Ro U-1, 2 & 3	Nagaland	3x8
Private Sector		
THERMAL		
Tanir Bavi CCGT GT 1-4, ST	Karnataka	200 (Commissioned)
Samayanallur DGPP DG 1 to 7	Tamil Nadu	7x15.143 (Commissioned)
Jojobera TPS U-2	Jharkhand	120 (Commissioned)
Dabhol CCGT Ph II Block I & II	Maharashtra	2x722 (Uncertain due to dispute between MSEB and DPC)
Peddapuram CCGT GT & ST	Andhra Pradesh	142+78
LVS Power Project DG 1 & 2	Andhra Pradesh	2x18.4 (Commissioned)
PPN CCGT ST	Tamil Nadu	105.5 (Commissioned)
Bambooflat DG 1 to 4	A and N Islands	4x5
HYDRO		
Malana U-1 & 2	Himachal Pradesh	2x43 (Commissioned)

Statement-IV

Details of R & M Schemes under progress 2001-2002

Name of the Station	Total Capacity (MW)
Thermal	
Badar Pur Unit 1 to 5	705
I.P. Unit 2 to 5	247.5
Faridabad Unit 1 to 3	165
Panipat Unit 1, 3 and 4	330
Ropar Unit 1 to 6	1260
Kota Unit 1 to 4	640
Obra Unit 1 to 13	1482
Anpara Unit 1 to 3	630
Nasik Unit 1 to 5	910
Koradi Unit 1 to 7	1080
Chandrapur Unit 1 to 4	840
Bhusawal Unit 1 to 3	478
Parli Unit 1 to 5	690
Khapharkheda Unit 1 to 2	420
Paras Unit 1	58
Korba East Unit 3 to 6	320
Satpura Unit 1 to 9	1142.5
Amarkantak Unit 1 to 4	290
Korba West Unit 1 to 4	840
Ukai Unit 1 to 5	850
Gandhi Nagar Unit 1 to 2	240
Dhuvaran Unit 1 to 6	534
Wanakbori Unit 1 to 6	1260
Tuticorin Unit 1 to 3	630
Nellore Unit 1	30
Raichur Unit 1 to 4	840
Santaldih Unit 1 to 4	480
Durgapur Unit 3 & 4	350
Chandrapur Unit 1 & 2	60
Namrup Unit 1 to 6	133.5
Singrauli STPS Unit 1 to 5	1000
Korba STPS Unit 1 to 3	600

Name of the Station	Total Capacity (MW)
Ramagundam Unit 1 to 3	600
Vindhyachal Unit 1 to 3	630
Farakka STPS Unit 1 to 3	600
Tanda Unit 1 to 3	330
LEP Works likely to be completed	
Kothagundam B and C U-6	105
Ennore U 1, 2 and 5	230
DPL (Durgapur) U-3 and 5	145
Talcher (NTPC) U 1-3	180
Korba (E) U 1 and 2	80
Panipat U 2	110
Hydro (Proposed to be completed during 2001-02)	
Lower Sileru	4x115
Srisailam	7x110
Mahatama Gandhi	4x12+4x18
Pykara	3x6.65+2x11+2x14
Panchet	1x40
Sharavathy	10x103.5
Nagjhari U-1 & 3	2x135
Bhadra	2x12+1x7.2+1x6+1x2
Supa	2x50
Munirabad	2x9+10.30
Sengulam	4x12
Shanam	4x15+1x50

Capacity addition made in power sector

1776. SHRIMATI VANGA GEETHA: Will the Minister of POWER be pleased to state:

(a) the details of capacity addition made in power sector during the last three years, year-wise; and

(b) the details of how much of it have been added in the State of Andhra Pradesh, year-wise?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) and (b) The overall capacity addition in power